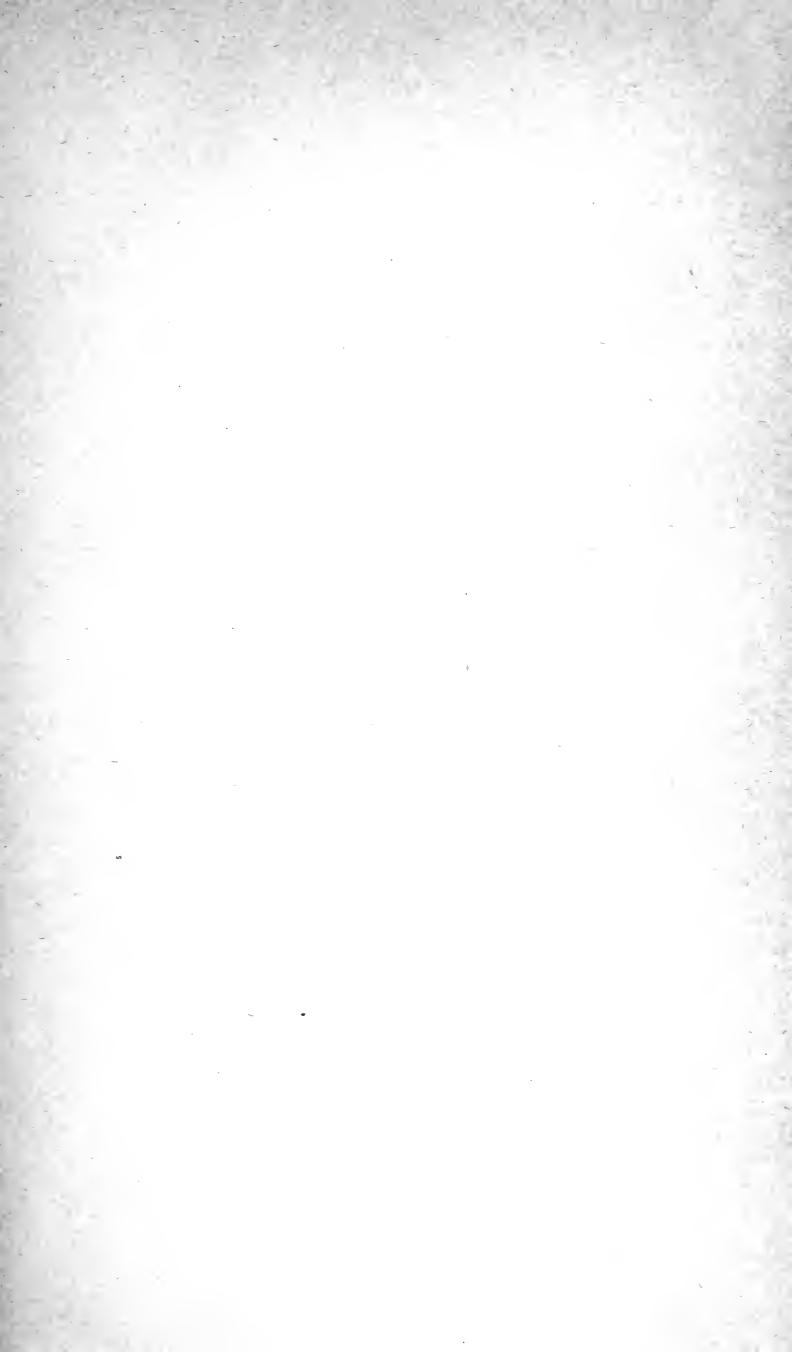


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# Yorkshire Philosophical Society.

# ANNUAL REPORT

FOR

MDCCCXXXV,



SAODIA. I.

# ANNUAL REPORT

### OF THE COUNCIL

OF THE

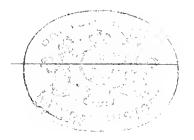
# Workshire Philosophical Society

FOR

### MDCCCXXXV.

## PRESENTED TO THE ANNUAL MEETING

FEBRUARY 3RD, 1836.



YORK:

THOMAS WILSON AND SONS, HIGH-OUSEGATE.

1836.

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| TREASURER'S ANNUAL ACCOUNTS      | 9 B 3                | <b>*</b> * 5  | 9       | 10   |
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| Donations to the Museum          | a e. g.              | e e 3         | ø. ø ø. | 12   |
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| NEW MEMBERS                      | 000                  | a. e. a       |         | 18   |

#### FORM OF A

# BEQUEST TO THE SOCIETY.

EVERY person desirous of bequeathing to the Society any sum of Money, Specimens, Books, Instruments, or other Property, is requested to make use of the following form:

I give and bequeath to the Trustees, for the time being, of
the Society established at York, called "The Yorkshire
Philosophical Society," for the use of the said Society,
the sum of
to be paid out of such part
of my personal estate, as I may legally charge therewith.
[Or here enumerate the effects or property intended to be
bequeathed.] And I direct that the receipt of the Treasurer
of the said Society, for the time being, shall be an effectual
discharge to my Executors for the said legacy.

## TRUSTEES

 $0 \, \mathrm{F}$ 

### THE YORKSHIRE MUSEUM,

APPOINTED BY THE ROYAL GRANT.

HIS GRACE THE ARCHBISHOP OF YORK.

EARL OF CARLISLE.

EARL FITZWILLIAM, F.R.S., F.S.A.

EARL DE GREY.

HON. AND VERY REV. THE DEAN OF LICHFIELD.

FRANCIS CHOLMELEY, ESQ. F.S.A.

ROBERT DENISON, ESQ.

REV. W. VERNON HARCOURT, F.R.S.

WILLIAM HATFEILD, ESQ. F.G.S.

WILLIAM LAWSON, ESQ.

EUSTACHIUS STRICKLAND, ESQ.

RICHARD JOHN THOMPSON, ESQ.

#### PATRONESSES

0F

# The Porkshire Philosophical Society.

HER ROYAL HIGHNESS THE DUCHESS OF KENT.
HER ROYAL HIGHNESS THE PRINCESS VICTORIA.

#### PATRONS.

HIS GRACE THE ARCHBISHOP OF YORK.

EARL OF CARLISLE.

EARL FITZWILLIAM, F.R.S.

EARL OF TYRCONNEL, F.R.S.

VISCOUNT MORPETH.

LORD STOURTON.

LORD WHARNCLIFFE.

# OFFICERS OF THE SOCIETY.

#### PRESIDENT:

THE EARL FITZWILLIAM, F.R.S., F.S.A.

#### **VICE-PRESIDENTS:**

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EUSTACHIUS STRICKLAND.
JAMES ATKINSON.
PAUL BEILBY THOMPSON, M.P.
BALDWIN WAKE, M.D.

#### TREASURER:

JONATHAN GRAY.

#### COUNCIL:

Elected 1834 ...... REV. D. F. MARKHAM.

JOHN BROOK.

WILLIAM LEWIN NEWMAN, F.R.A.S.

GEORGE HICKS SEYMOUR.

Elected 1835 ..... REV. ROBERT BRYAN COOKE, F.G.S.

CHARLES HENEAGE ELSLEY.

FRANCIS CHOLMELEY, F.S.A.

REV. CHARLES WELLBELOVED.

Elected 1835 ..... James Barber.

H. S. BELCOMBE, M.D.

WILLIAM BLANSHARD.

REV. THOMAS EGERTON, F.G.S.

### SECRETARIES:

WILLIAM GRAY, JUN.

JOHN PHILLIPS, F.R.S., G.S.

#### CURATORS:

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WILLIAM HATFEILD, F.G.S. ... MINERALOGY.

James Atkinson ... Comparative Anatomy.

THOMAS ALLIS ... PRITHOLOGO

REV. J. B. GRAHAM ... SORNITHOLOGY.

REV. I. J. D. PRESTON, F.C.P.S. ENTOMOLOGY.

REV. W. HINCKS, F.L.S. ... BOTANY.

REV. C. WELLBELOVED ... ANTIQUITIES AND COINS.

HENRY ROBINSON ... LIBRARY.

#### KEEPER OF THE MUSEUM:

JOHN PHILLIPS, F.R.S., G.S.

SUB-CURATOR:

HENRY BAINES.

### REPORT

0 F

#### THE COUNCIL.

THE Council of the Yorkshire Philosophical Society has now the duty of offering to the Thirteenth Annual Meeting a concise view of the state and prospects of the Institution. During the past year considerable progress has been made in the enrichment of the Museum, improvements have been accomplished in the garden, the scientific concerns of the Society have been in several points advanced, the finances are improved, and the debt is diminished. In the course of the year the Society has been honoured by a special visit of two members of the Royal Family, and received munificent marks of their interest in its welfare.

While, at a very short distance from this Museum, another public institution is rising to record the growing desire in our country for the improvement of the moral and intellectual condition of all classes of the people,-while, through the whole North of England, new literary and scientific associations are established, it is gratifying to feel that the public favour, and the patronage of Yorkshire, are not withdrawn from this Society. Nor does there appear any ground for anticipating a reverse to the picture of continual prosperity which is found in the Reports of former years; -there has never been but one difficulty pressing on our exertions; but if our funds have long been restricted, it is gratifying to know that our expenses are now controlled, and after a year of extraordinary outlay and liberal grants for various improvements and researches, the Meeting will find that the Balance due to the Treasurer has been diminished £157. 7s. 0d.

During the year, the Geological Collection of the Society has been considerably enriched. The already fine series of Tertiary Organic Remains has been rendered extremely valuable to the general student, by a large donation of Sicilian Fossils; <sup>1</sup> and still more instructive to the local geologist by the addition of a series of specimens from Bridlington Quay, obtained from a locality where several of our members had previously found indications of a Tertiary deposit, though it is only within the last year that the state of the coast permitted a satisfactory investigation of it. <sup>2</sup>

A collection of fossils from the mountain limestone of the N. W. of Ireland, received from Lord Cole, has been found of great value for the laborious comparison of Organic forms from different localities on which Professor Phillips has been lately occupied in order to complete his Work on the Geology of Yorkshire. The Second Volume of that Work is now passing through the press, with very numerous drawings of fossils, maps, and sections, and thus labours which have continued through all the period of the existence of this Society will terminate in the fulfilment of one of its earliest recommendations, having for its object the illustration of the interior structure of a county remarkably rich in geological interest.

The Zoological collections have been augmented by several contributions of British and Foreign Birds and Quadrupeds, some of them extremely valuable; large additions have also been made to the cabinets of shells; some Foreign Insects have been presented, and many more will be received so soon as suitable cabinets can be prepared. Useful additions have been made to the British Crustacea and other invertebral

<sup>&</sup>lt;sup>1</sup> Presented by J. Ingham, Esq.

<sup>&</sup>lt;sup>2</sup> George Lloyd, Esq. gave permission for excavations to be made in the cliff under the direction of the Rev. J. Graham.

classes, from the shores of the South of England. The Collection of British Birds has been arranged and named upon a plan which allows of the work being gradually completed: but this was found impracticable with respect to Foreign Birds, (now exceeding one thousand in number,) until they should be all completely mounted. The cost of this process for several hundred birds was too great for the Council hastily to incur: the work is however proceeding, and it will be for the next Council to ascertain how far the statement of finances, hereafter appended, will justify a more vigorous prosecution of it. It is proposed to make an alteration in this room, by removing the insects to a cabinet of drawers: thus providing additional space for the complete classification of a larger series of Foreign and British Shells.

The arrangement of the BOTANICAL Collections has been suspended in consequence of the want of a suitable receptacle for them; this deficiency may perhaps be supplied.

The state of the Garden has been frequently brought under the consideration of the Council; and a large quantity of soil and peat has been added to particular parts; a considerable improvement has been effected near the multangular tower, by an alteration of the line of the boundary wall, and permission has been given for the erection of a Conservatory by the Sub-Curator.

The Instruments in the Observatory have been in continual use; and some improvements have been effected in the arrangement and employment of them; an interesting addition has been made in the curious equatorial of Mr. Abraham Sharpe, which has been presented by Mr. Newman. The expenses of this useful establishment have been hitherto defrayed by the gentlemen who give their time and skill to the task of observation; the debt left on the erection of the building has

not been discharged by the Society; and it appears desirable that these arrangements should be put upon a more satisfactory footing.

The value of such an establishment in fostering and diffusing a taste for astronomical researches, was exemplified in two instructive lectures on Cometary Astronomy delivered to the Society by Mr. Newman; and the Council confidently anticipates from the zeal and information of several of the Members of the Society, a succession of instructive discourses on this and other branches of science during the next session. It has been the wish, both of the Council and of the gentlemen alluded to, that the admission to these lectures should be gratuitous, at least to Members of the Society; it has however been suggested that the opportunity should not be lost, of endeavouring by such means to provide funds for the liquidation of the observatory debt, should this Meeting not think it proper to direct the immediate settlement of that account, and to become the rightful and real possessors of the edifice and the valuable instruments which it now contains, and may hereafter receive by private liberality. \*

During the week of the Musical Festival, which took place in September, it was thought advisable to adopt every means of rendering the Museum and gardens accessible to the numerous and respectable strangers then assembled in York; but as an indiscriminate admission within its gates appeared wholly incompatible with quiet and good order, and inconsistent with the general spirit of the Institution, Tickets were prepared, at a small price, for the use of those persons who failed to provide themselves with the regular introduction of a Member. About one thousand persons testified, by the purchase of these tickets, their sense of the convenience of the arrangement; and thus without in the smallest degree in-

<sup>\*</sup>It was resolved by the Annual Meeting that the debt on the Observatory should be discharged out of the Society's funds.

fringing on the rights of subscribers, and without endangering the comfort and good order of the establishment, the public were gratified, and the funds of the Institution benefited to the extent of £40. For this proceeding, under the peculiar circumstances of the case, the Council has no doubt that the Meeting will fully accord their approbation, and it appears desirable that, for the future, the discretionary power of the Council in such matters should not be abridged: it is however for this Meeting to decide whether any further directions are required.\*

The Musical Festival produced to the Society the honour of a most gratifying visit from Their Royal Highnesses the Duchess of Kent and the Princess Victoria, who, after examining all the collections with attention, inscribed their names as Patronesses of the Yorkshire Museum, and contributed a munificent donation for the augmentation of the Library.

In the Antiquarian department some valuable additions have been made during the last year. Mr. J. R. Mills has presented to the Society a curious Egyptian tablet, obtained from the collections of the late Mr. Salt. From Mr. Swineard have been received some beautiful remains of an altar screen, in stone, found buried in a garden near the western end of the Minster: and from the City Commissioners, the stones of a fine arch nearly entire; a part, it is probable, of the Hospital of St. Peter. But among the various additions to this department of the Museum, the mortar formerly belonging to the Infirmary of St. Mary's Abbey, must be regarded as of peculiar value. This curious relic, which having been lost from York soon after the days of Drake, appeared again several years ago in a foundry at Birmingham;

<sup>\*</sup> The Meeting resolved that strangers not introduced by a member or by written order, might be admitted by Tickets, to be provided by the Council, and sold under their direction at one shilling each.

and, having there narrowly escaped the melting pot, had been transferred to the cabinet of a neighbouring antiquary,\* has at length through the liberality of Mr. S. Kenrick, of West Bromwich, been safely deposited on the very site, and amidst a great portion of the remains of the Monastery for the use of which it was originally designed.



- \*J. Blount, Esq., at whose death the mortar, with the rest of his collection of antiquities, being put up to sale by auction, was purchased at a considerable price by Mr. S. Kenrick. It is of bell metal, weighs 76 lb., and measures in height 9 inches, and in width at the top 11½ inches. It bears two inscriptions: the upper,
- + Montaria. Sci. Jodis. Eurapceil. do. Isingaria. 26. granie. Ceon. the lower, + sk. Tuius. do. Touthony. Me. socit. å. d'. Kacccuii.

In following out the Resolution of the last Annual Meeting relative to the lease of the Manor Shore, the Council has found on the part of the Government every desire to forward the objects of the Society, as far as the law allows; but new circumstances have arisen, which rendered it inexpedient to adopt a definitive arrangement without once more appealing to the general body of the Society. It appears, after full consideration, and especially after examination of the stipulations in the draft of the lease, that it will be more advantageous to the Society to effect the negociation for obtaining possession of the remainder of the Manor Shore by purchase rather than by lease. A real possession of the ground, the power to turn it to useful purposes in harmony with the situation and with the objects of the Institution, is not to be had by lease from the crown, either for 33 or 99 years; the former is too short a tenure, the latter encumbered with restrictions directly at variance with the clearest objects of the Society. Regarded, moreover, as a question of profitable investment of money, the Council is of opinion that the purchase of more than five acres of ground, with houses, &c. adjoining the Ruin and the Museum Garden, for £2,500. is more advantageous than a lease for 99 years at £70. per annum, with stipulations to erect permanent edifices of the value of £2,500. \*

But one thing remains to be presented to the Meeting before proceeding to consider this important question—the State of the Society's Finances.

<sup>\*</sup> The Council was authorized by the Annual Meeting to purchase the ground.

# RECEIPTS.

|                  |               |               |                     |                 |            |    |           | £.  | ε. | d. |
|------------------|---------------|---------------|---------------------|-----------------|------------|----|-----------|-----|----|----|
| Received Annua   | d Subscriptio | ons from 226  | Members a           | at 21.          |            |    | • • •     | 452 | 0  | 0  |
| Ditto            | Ditto         | 6             | Members             | at 1 <i>l</i> . |            |    | • • •     | 6   | 0  | 0  |
| Annual Donatio   | ns            | Ş Sir         | Charles Ibrs. Danby | betson          | 5          | 5  | 0 }       | 7   | 5  | 0  |
|                  |               | ¿ M:          | rs. Danby           |                 | 2          | 0  | 0.7       |     |    |    |
| From Ladies be   | ing Annual    | Subscribers   |                     | • •             |            |    | •••       | 29  | 0  | 0  |
| For Keys of the  | Garden        | 0 0 0         | • • •               | • • •           |            |    | •••       | 11  | 5  | 0  |
| Rev. W. Gooch    | , Donation    | for purchase  | of Maps:            | for the         |            |    |           |     |    |    |
| Library          | • • •         | •••           | •••                 | • • •           |            |    | •••       | 10  | 10 | 0  |
| For Gas consum   | ned by Mem    | bers of the E | vening Par          | ty              |            |    | • • •     | 1   | 10 | 0  |
| Balance of Extr  | aordinary A   | ccount, viz.  |                     |                 |            |    |           |     |    |    |
| Received for Ti  | ckets of Adn  | ission during | g the Festiv        | val             | <b>5</b> 0 | 12 | 0         |     |    |    |
| Paid expenses of | connected the | erewith       | • • •               | * • •           | 12         | 19 | 6         |     |    |    |
|                  |               |               |                     |                 | -          |    | e verment | 37  | 12 | 6  |
| Balance Due to   | the Treasur   | er            | ବ୍ର ଖ               | 0 0 0           |            |    | 669       | 17  | 13 | 0  |

£.572 15 6

# PAYMENTS.

|                    |                    | LAI          | MILIN I D.    |               |             |    |       |          |           |                     |
|--------------------|--------------------|--------------|---------------|---------------|-------------|----|-------|----------|-----------|---------------------|
| Rent and Tax       | es :               |              |               |               | £.          | 3. | d.    | £.       | <b>2.</b> | ď,                  |
| Rent to the C      | rown               | • • •        | * # #         | • •           | 1           | 0  | 8     |          |           |                     |
| C                  | orporation         |              | • • •         |               | 6           | 12 | 6     |          |           |                     |
| Rates, &c          | •                  | • • •        | • • •         |               | 14          | 0  | 8     |          |           |                     |
| Water Rent         |                    | • = •        | • • •         |               | 4           | 4  | 0     |          |           |                     |
| Insurance          | ٠                  | 0 0 0        | * 0 3         | 0 3           | 5           | 0  | 0     |          |           |                     |
| Salaries and W     | Jages:             |              |               |               |             |    |       | 30       | 17        | 10                  |
| Keeper of the      | _                  |              | 0 9 3         |               | 100         | 0  | 0     |          |           |                     |
| Sub-curator        |                    | • • •        | 0 11 3        | * * *         | 65          |    | 0     |          |           |                     |
| Allowance for      |                    | n Garden     | and Museum    | •••           | 40          | 0  | 0     |          |           |                     |
| Lodge Keeper       |                    | n Guaden     |               |               |             | 0  | 0     |          |           |                     |
| 0 -                |                    | •••          | <b>*</b> * *  |               | 10          | 0  | 0     |          |           |                     |
| Collector and      | Messenger          |              | 0 0 0         | • • •         | 7           | 11 | 6     | 216      | 7.1       | €                   |
| Printing and A     | Advertisi          | ng:          |               |               |             |    |       | ~20      | a A       | .,,                 |
| Report for 18      | 34 .               | • •          | • • •         | 0 0 2"        | 15          | 2  | 0     |          |           |                     |
| Miscellaneous      | ;                  | 0 ° >        | 0 T a         | 0 0 0         | 8           | 11 | 6     |          |           |                     |
| Advertising        | 0                  | • • •        | 902           |               | 0           | 10 | 0     |          |           |                     |
|                    |                    |              |               |               | -           |    | -     | 24       | 3         | 5                   |
| Stationery:        | • • <del>प</del>   |              | 9 0 0         | 0             | 9 9         |    |       | 2        | 11        | 6                   |
| Books and Bin      | ding:              |              |               |               |             |    |       |          |           |                     |
| Books              |                    | 0 0 3        |               |               | 38          | 17 | б     |          |           |                     |
| Binding            |                    |              | 9 9 8         |               |             | 14 | 3     |          |           |                     |
|                    |                    | 6 0          | 0 0 3         | <b>3</b> 0 0  |             |    | _     | 45       | 11        | 9                   |
| Sundry Improv      | vements            | •            |               |               |             |    |       |          |           |                     |
| Fitting up of      | Zoological         | Room         | <b>3</b> 7 3  | 27.           | 23          | 1  | 8     |          |           |                     |
|                    | <b>A</b> ntiquaria | n Collect    | ion           | • • •         | 10          | 9  | 6     |          |           |                     |
| Iron Rails in      | Vestibule .        | • • •        | • • •         |               | 4           | 2  | 0     |          |           |                     |
| Excavation in      | St. Mary'          | 's Abbey     | <b>*</b> * *  |               | 6           | 17 | 6     |          |           |                     |
| Soil for Garde     | en                 | • • •        | a + 3         | Ø 9 @         | 15          | 0  | 0     |          |           |                     |
| Incidents:         |                    |              |               |               | <del></del> |    |       | 59       | 10        | S                   |
| Incidents, Car     | riage. &c.         |              | 0 0 3         |               | 7           | 9  | 8     |          |           |                     |
| Repairs            |                    |              | G 0 0         |               | 44          | 5  | 8     |          |           |                     |
| Cardon             |                    |              |               | . ••          | 9           | 2  | 9     |          |           |                     |
| Caa                |                    | <b>6 5 6</b> | <i>3</i>      | 070           | 16          | 5  | 0     |          |           |                     |
| Coke and Coal      | 1                  | • • •        | ***           | • • •         | 20          | 8  | 6     |          |           |                     |
| Coke and Coa       |                    | 0 8 6        | 6 9 3         |               | 20          | 0  | O     | 97       | 11        | pr<br>j             |
| Purchases for Mus  | euro               |              |               |               |             |    |       |          |           | 0.                  |
| Grant to Antiquari |                    | ittee for s  | undry expense | • • •<br>a.g. |             |    | eσ    | 17<br>10 | 0         | 10                  |
| Interest on Debt . |                    |              |               |               |             |    | •••   | 68       | 1         |                     |
| THICKEST OH TOOK . | • •                | 840          | 0 3 3         | 930           |             |    | 7 * * |          |           | 4                   |
|                    |                    |              |               |               |             |    | £     | .572     | 15        | 6                   |
|                    |                    |              |               |               |             |    |       |          |           | racesia<br>Carriera |

# GENERAL ACCOUNT.

|                            | $\pounds$ . | s. | d. | £. s. d.                   |
|----------------------------|-------------|----|----|----------------------------|
| Received Arrears of former |             |    |    | Balance due to the Trea-   |
| Years                      | <b>5</b> 5  | 0  | 0  | surer, 1834 1885 19 9      |
| Compositions from three    |             |    |    | Balance due to him, An-    |
| Members                    | <b>6</b> 0  | 0  | 0  | nual Account, 1835 17 13 0 |
| Admission of ten Members   | 30          | 0  | 0  |                            |
| Stamp duty on Grant from   |             |    |    |                            |
| the Crown, charged er-     |             |    |    |                            |
| roneously and repaid by    |             |    |    |                            |
| the Treasury               | 30          | 0  | 0  |                            |
| Balance due to the Trea-   |             |    |    |                            |
| surer                      | 1728        | 12 | 9  |                            |
| £.1                        | 903         | 12 | 9  | 0.1000.10                  |
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The Council having examined the List of Arrears, and struck out such as appear irrecoverable, find Arrears due as follows.

|                                |       |       | £.   | 3. | d. |
|--------------------------------|-------|-------|------|----|----|
| Annual Subscriptions, 1835     | •••   |       | 64   | 0  | 0  |
| of former                      | Years |       | 87   | 0  | 0  |
| Subscription to Building       | ***   | •••   | 21   | 0  | 0  |
| For Copies of St. Mary's Abbey | • • • | • • • | 6    | 0  | 0  |
|                                |       | £     | .178 | 0  | 0  |
|                                |       | :     |      |    |    |

Final Balance against the Society £1550. 12s. 9d.

JONA. GRAY,

TREASURER.

#### SCIENTIFIC COMMUNICATIONS

TO THE

#### GENERAL MEETINGS.

FEBRUARY, 1835.—Summaries of Meteorological Observations for the year 1834; at Brandsby, by F. Cholmeley, Esq.; at Middleton, by the Rev. Mr. Blanchard; at Moat Hall, by Dr. Wasse; at Huggate, by the Rev. Mr. Rankin; at York, by Mr. Ford.

Notice respecting the Ancient Mortar of St. Mary's Abbey, weight 76 lb. date 1308, by the Rev. Charles Wellbeloved.

Notice of a new form of Dew Point Hygrometer, by the Rev. W. V. Harcourt, F.R.S.

March.—On the Structure of Belemnites, by Professor Phillips, F.R.S.

July.—On the Sclerotic Bones in the Eyes of Birds and Reptiles, by T. Allis.

Notice of Barometrical Measurements of Mountains in Cumberland and Westmoreland, by Wm. Gray, jun.

Description of the Equatorial used by the eminent calculator, Abraham Sharpe, by W. L. Newman, F.R.A.S.

OCTOBER.—Account of Proceedings at the Dublin Meeting of the British Association for Advancement of Science, by Professor Phillips, F.R.S., and the Rev. J. Kenrick.

November.—On a Monumental Cross at Hackness, by the Rev. W. V. Harcourt, F.R.S.

DECEMBER.—On the Barometric Measurements of Heights, by Wm. Gray, jun.

On the characteristic Phenomena of the Aurora Borealis, in Nov. 1834, by Professor Phillips, F.R.S.

January, 1836.—On the Magnetical Effects of the Aurora Borealis, Dec. 23, 1835, by Professor Phillips, F.R.S.

## DONATIONS

TO

#### THE SOCIETY'S MUSEUM.

#### GEOLOGY.

The Earl of Arran Septaria, teredo, &c. from Bognor. James Backhouse... Large slab of silicised wood, found in . . . contact with basalt, Van Dieman's Land. Fossil endogenous wood from Antigua. Felix Bedingfeld, Esq. . . . Ammonites (New Species) from Brandsby, F. Cholmeley, Esq. Yorkshire. Series of lithodendra, crinoidea and other Viscount Cole, M.P. fossils from the limestone near Florence Court in Fermanagh. Rev. J. Graham ... Shells from the tertiary deposit of Bridlington Quay. Jona. Gray, Esq. ... Turrilites, baculites, &c. from the Rocher des Fiz. Joshua Ingham, Esq. Very extensive series of zoophyta, and shells, from the tertiary limestone of Sicily. J. E. Lee, Esq. ... Casts of new spongiæ from Bridlington. Silicised wood from Van Dieman's Land. Dr. Mac Michael... R. Moorhouse, Esq. Spines of cidaris florigemma. Astræa favosioides, &c. from Settrington. Casts of vertebræ of ichthyosaurus from Professor Phillips... Lyme Regis.

Rocks collected in Zetland.

D. Priestman

Thomas Smyth, Esq. ... Kilkenny and other Irish marbles.

Earl of Tyrconnel, F.R.S. Specimens of lava from the Red Sea.

Dr. Wasse ... ... Lithodendra, &c. from the diluvium near Boroughbridge.

Purchased... ... A series of shells from the tertiary deposit of Bridlington Quay. The total number of species in the collection is 36.

# MINERALOGY.

The Earl of Arran ... Jaspers and agates from the South of England.

Jona. Gray, Esq. ... Agate from Switzerland.

Mr. W. Whytehead, jun. Several Cumberland minerals.

# ZOOLOGY.

T. Allis ... ... Gar, char, perch, roach, a species of pholas and cardium dentatum, serpula from Algiers, Paradise tanager, long tailed roller, three species of creeper, pelican, wild goose, three African hawks.

Mr. H. Baines ... Red coral, water hen, gold-crowned wren, redwings (pair).

J. Bennett, Esq. ... Horns of the buffalo.

Mr. J. F. Brown . . . . A Guinea fowl.

Rev. W. Bulmer ... Large specimen of cancer pagurus from Norway.

Mr. H. Chapman... ... A foreign species of cassida.

E. T. Copley, Esq. ... Series of foreign birds and insects from New South Wales and Brazil.

F. J. Copsie, Esq. ... Turbo.

John Dalton, Esq. ... An albatross.

R. Denison, Esq. ... Spotted woodpecker.

Lieut. Dixon, R N. ... Shells from the Isle of France, &c.

— Foljambe, Esq. ... The Koala from New South Wales.

W. Gray, jun., Sec. Y.P.S. Phaeton æthereus and other foreign birds.

Lieut. M'Gregor, R. N. ... Musk rat of Van Dieman's Land, echidna hystrix, white hawk, black cockatoo.

Rev. L. V. Harcourt ... A series of fishes, crustacea, annulosa, stellerida, polyparia, &c. from the south coast of England.

W. Hatfeild, F.G.S. ... The cross bill (pair),

H. Healey, Esq. ... Pair of plotus anhinga, shoveller duck.

W. H. Hearon, Esq. ... Parrot.

Joshua Ingham, Esq. ... Terebratula vitrea.

W. Lawson, Esq. ... An eel and lamprey eel from Brough.

Professor Phillips... Rifle bird (promerops superbus), m. and f. and other foreign birds, greenfinch, lark.

Rev. I. D. J. Preston ... Hoopoe, shot in South of England.

C. Rawson, Esq., F.G.S. Head of elephas indicus, skin of tiger, various Indian birds, &c.

W. F. Scott, Esq. ... Young kittiwake, oyster-catcher.

Earl of Tyrconnel, F.R.S. 200 foreign shells, from the Red Sea and
Persian Gulf; including rostellaria fusus, strombus tricornis, trochus Pharaonius, tellina lingua felis, murex ficus,
murex tribulus, &c. &c.

Dr. Wasse ... ... Fungia limacina, isis hippuris, gorgonia two species.

Mr. W. Whytehead, jun. British birds, jay, magpie, sparrow hawk, m., songthrush, m., blackbird, f., yellow hammer, m., skylark, redbreast, m., chaffinch, m., sparrow, m. and f. Mice, m. f. and y. Voluta melo.

Miss Wickham ... A series of foreign shells, including phasianella, several species of conus, oliva, ovula, voluta, cassis, cerithium, bulimus, &c.

Purchased ... ... Several British and American birds; a small number of shells.

# BOTANY.

Rev. L. V. Harcourt ... Series of marine plants from the south coast of England.

# ANTIQUITIES, COINS, &c.

Mr. J. F. Brown ... Coin found in excavations at the Castle.

City Commissioners ... Stones of an arch, formerly a part of the Hospital of St. Peter.

R. Davies, Esq. ... Various coins, Roman and English, with other remains, found near St. Leonard's Place.

Mr. Gibson ... An ancient ring.

Rev. J. Graham ... A copper bowl, found in digging a drain in St. Saviourgate.

Fragments of Roman tiles, found in St. Cuthbert's Churchyard.

S. Kenrick, Esq., of West Bromwich, Hon. Mem. Y.P.S.

The ancient mortar of St. Mary's Abbey; angel of Hen. VIII.; and double crown of James I.

Mrs. Knapton ...

. Five Roman denarii, ar.

J. R. Mills, Esq. ...

. Ancient Egyptian tablet.

W. Priestley, Esq.

.. Roman denarii, ar.

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H. Robinson, Esq.

18 coins, chiefly Roman, from Aldborough.

J. Smith, Esq.

Stones from the Old Cross in Pavement.

Mr. Swineard

. Several beautifully sculptured stones, found

in Precentors' Court.

Mr. Tilney

Sculptured stones from the Roman Wall

near Bootham Bar.

Dr. Wasse ...

.. Fine medal of Charles I.

Rev. C. Wellbeloved

A stone from the part of the Roman Wall crossing Aldwark; an antique key; Roman bowl and jar.

# DONATIONS TO THE LIBRARY.

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M. Agassiz ... (the Author)

Rapport sur les Poissons Fossiles, d' Angleterre.

Society of Arts

... Transactions for 1833-4.

Astronomical Society

The Greenwich Observations, 1829-33.

F. Baily, Esq. F.R S.

Life of Flamstead and his Catalogue of Stars, 4to.

Cambridge Phil. Society...

Transactions, Vol. V. Part 3.

G. W. Featherstonhaugh, Esq. (New York)

Report on the Geology of the Country between Missouri and Red River, 8vo.

Geological Society ...

Proceedings of the Society, 1834-5.

Jona. Gray, Esq. ...

Memoire sur le Pont de fil de fer de Freyberg.

--- Hailstone ... Notices of British Crustacea.

Dr. Hibbert, F.R.S.E. ... Memoir on the Fresh Water Limestone of (the Author) Burdie House, 1835, 4to, plates.

M. Necker (the Author) Le Regne Mineral, 2 vol. 8vo.

Professor Phillips ... Print of the Organ Screen of York Minster, by Abraham.

H. Sandwith, Esq. ... Address to the Mechanics' Institute, Beverley.

Whitby Lit. and Phil. Soc. Twelfth Annual Report.

Misses Wickham ... Turkish Almanac (Roll).

Dr. Williamson ... Discourse on the Diffusion of Knowledge (the Author) among the Middle Classes, 8vo.

Rev. R. Willis, F.R.S. ... On Gothic Architecture, Svo. (the Author)

Mr. S. Woodward ... Excavations in Wymondham Abbey, 4to (from the Archæologia).

Portrait of himself.

Worcester Nat. Hist. Soc. Account of the Anniversary Meeting of the Society.

## DONATIONS TO THE SOCIETY'S FUNDS IN 1835.

A donation of £50. for the purchase of scientific works has been received from their Royal Highnesses the Duchess of Kent and the Princess Victoria.

A donation of £10. 10s. has been received from the Rev. W. Gooch, M.A., for the purchase and fitting-up of Maps for the Library.

#### ANNUAL DONATIONS.

|                  |             |           | £.    | \$. | d. |
|------------------|-------------|-----------|-------|-----|----|
| Sir Charles Ibbo | tson, Bart. | <br>2 * 6 | <br>5 | 5   | 0  |
| Mrs. Danby       | e 1 5       | <br>a e • | <br>2 | 0   | 0  |

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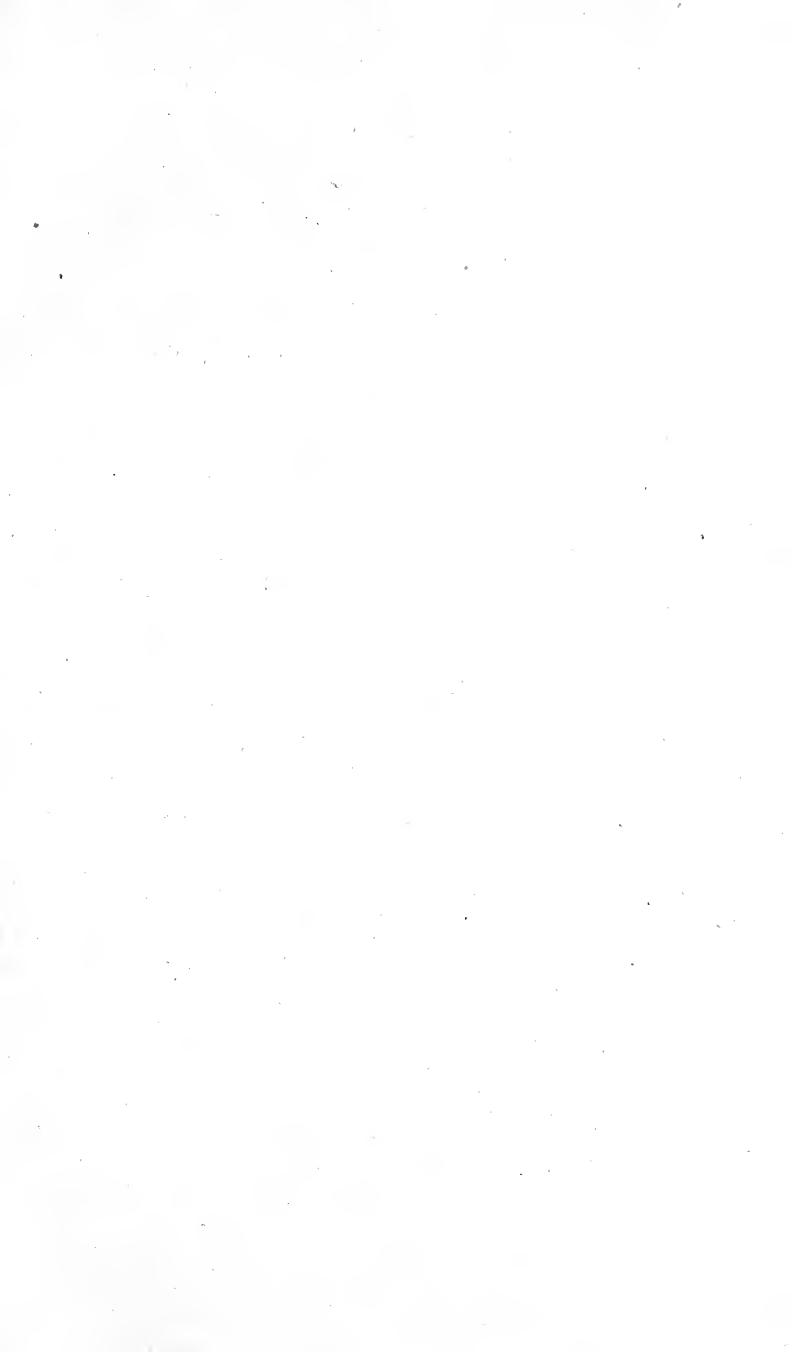
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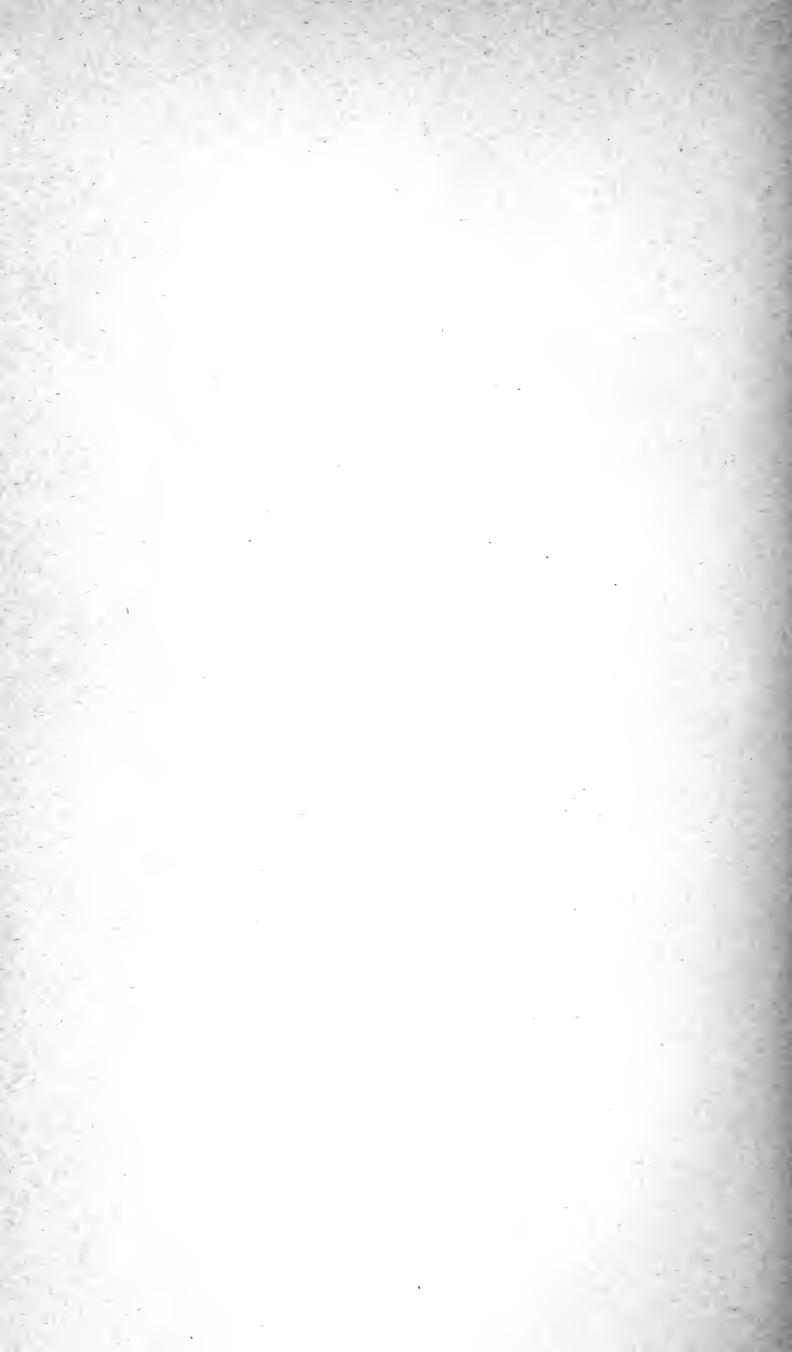
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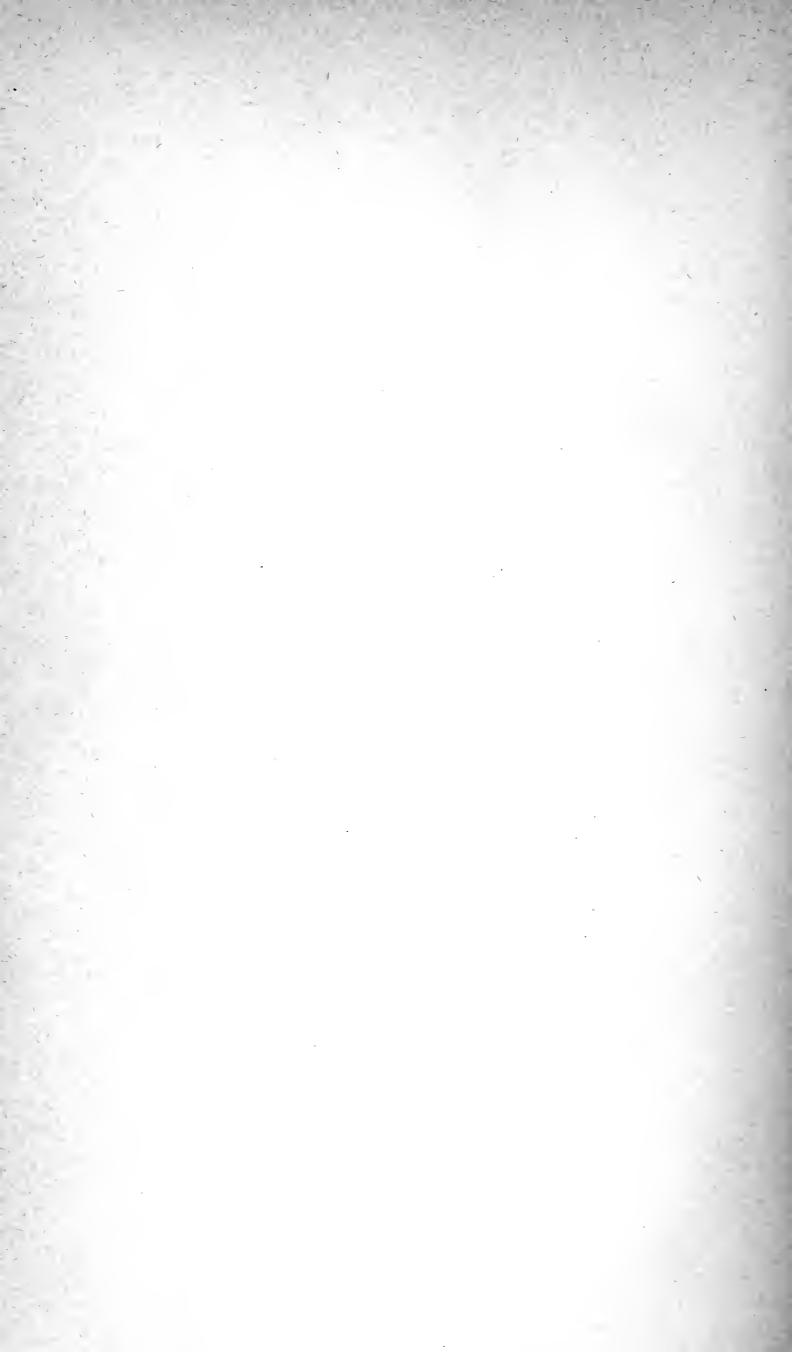








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